

WHAT IS CLAIMED IS:

1. An adhesion type denture adhesive comprising a water soluble polymer, calcium sulfate and sodium carboxymethyl cellulose, wherein a gel is formed through reaction of calcium sulfate with the sodium carboxymethyl cellulose.
2. The adhesion type denture adhesive of claim 1, wherein the calcium sulfate is from 0.1 to 20% by weight of the adhesive.
3. The adhesion type denture adhesive of claim 1, wherein the sodium carboxy methyl cellulose is from 3 to 60% by weight of the adhesive.
4. The adhesion type denture adhesive of claim 1, wherein the water soluble polymer is a polyacrylate salt, a partially alkali neutralized polyacrylate or mixtures thereof.
5. The adhesion type denture adhesive of claim 4, wherein the polyacrylate salt is selected from at least one member from the group consisting of sodium salt, calcium salt, magnesium salt and ammonium salt.
6. The adhesion type denture adhesive of claim 4, wherein the molecular weight of the polyacrylate salt is at least 20,000.

7. The adhesion type denture adhesive of claim 4, wherein the molecular weight of the polyacrylate salt is of from 50,000 to 15,000,000.
8. The adhesion type denture adhesive of claim 4, wherein the partially neutralized polyacrylate salt is selected from at least one member from the group consisting of sodium salt, calcium salt, magnesium salt and ammonium salt.
9. The adhesion type denture adhesive of claim 1, wherein the water soluble polymer comprises karaya gum, gum arabic, methoxyethylene-maleic anhydric copolymer, polyacrylate salt, sodium carboxymethyl cellulose partially alkali neutralized polyacrylate or mixtures thereof.
10. The adhesion type denture adhesive of claim 1, wherein the sodium carboxymethyl cellulose has a viscosity of from 30 to 2,000 cP.
11. The adhesion type denture adhesive of claim 1, wherein the sodium carboxymethyl cellulose has a viscosity of from 100 to 1,000 cP.
12. The adhesion type denture adhesive of claim 1, wherein the calcium sulfate comprises a dehydrated salt or hemihydrated salt.
13. The adhesion type denture adhesive of claim 1, wherein the calcium sulfate is present of from 0.3 to 8% by weight of the total denture adhesive.

14. The adhesion type denture adhesive of claim 1, further comprises an antiseptic agent, pH adjusting agent, enzyme, coloring agent, perfume material or mixtures thereof.
15. The adhesion type denture adhesive of claim 1, wherein the adhesive is in the form a powder, paste or sheet.
16. The adhesion type denture adhesive of claim 1, wherein the adhesive does not comprise an alginate salt.
17. The method of making an adhesion type denture adhesive of claim 1 comprising:
 - (i) admixing a water soluble polymer, calcium sulfate and sodium carboxymethyl cellulose; and
 - (ii) contacting calcium sulfate with carboxymethyl cellulose to form a gel.
18. The method of claim 17, further comprising admixing the product of (i) and (ii) with mineral oil.